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**HORNBERGER'S**  
*Garden Service*  
**HORTICULTURAL**  
**PRODUCTS**  
*for 1947*



**BULBS ♦ SEEDS ♦ PLANTS**  
**GARDEN SUPPLIES**

**HAMBURG      -      -      NEW YORK**

## ANNOUNCING GIFT PRIZES—NORTHERN PINES TO SOUTHERN PALMS



We have been producing commercial crops of gladiolus bulbs at Hamburg, N. Y. for approximately thirty years. We are the originators of Gladiolus AFLAME, which has been widely distributed, and advertised not alone in the U. S. A. but in some five or six foreign countries as well. Our leading specialty has been 'YOUNG BULBS' we have propagated large-ly bulblets and small size (Baby bulbs) each year, and by planting our quota of bulblets and small bulbs each year, in new soil, has given us a very High Quality of 'Young Stock' we use the term 'young' to apply



to top sizes as well as to small planting sizes, because these bulbs are packed full of vitality and pep.

In the past two years we have been establishing a branch in Florida, and in the near future will announce a new line of SUB TROPICAL PRODUCTS, this will include both tree and food, as well as plant products.

We have named a 'white sport' of White Gold after a Florida city, and we plan to introduce this new sport in the fall and winter of 1947-48 but we are now giving our customers and readers, an opportunity, to win some FREE bulbs of this new sport, send us the name of any three (3, only) Florida cities and if one of the names on your list is the same as the name of this new sport you will win a free bulb prize; The 1st prize is 3 large bulbs of the white sport of White Gold, list value, \$30.00. Second prize is 3 medium bulbs, val. \$20.00. Third prize is 3 small bulbs, value \$10.00 and to each and every contestant who mentions the right name after the three first prizes have been won, will receive a medium sized bulb, VALUED at \$1.00 (our selection only) as we have set aside this item for this purpose, and can not change for some other item on list.

We will announce the right name after May 1, 1947 and this contest closes May 1, 1947, to each person, who has given us the right name, will be sent an acknowledgement and prize with right name, after May 1, 1947.

## GLADIOLUS CULTURE AND CARE

GLADIOLUS CULTURAL DIRECTIONS; We have bulletins available, for those who request them, we have a two page bulletin on "Gladiolus Culture" free on request, also another on thrip control, we do not send these out with our orders, unless so requested, as most growers, have their own cultural information.

DISINFECTING AND DISINFECTANTS—ALSO SPRAYING MATERIALS. We do not like to recommend disinfectants, that are likely to cause loss due to the unusual caution, that is required in using them, for this reason we do not recommend New Improved Ceresan, as we know of highly experienced grower losses, from its use.

Scientific tests reported by the Florists Review, show us conclusively that the Lysol treatment will approximate all that is claimed for Ceresan. Lysol may be purchased from any drug company, or drug store. We use CRESOL, which is practically the same as Lysol in results, we have used it for many years and is made by the Riverside Chemical Co., North Tonawanda, New York, it is reasonable in cost and practicable in application;

TERMS OF SALE: All cash, or 25% will hold for later delivery, cash before shipment or C.O.D. for balance due.

NO DISCOUNTS ON SPECIAL OR UNIT OFFERS.

SPECIAL OFFERS — See Pages 13 and 14 for Special Gladiolus Offers.

**HORNBERGER'S GARDEN SERVICE**

**Route 5, Box 51**

**Hamburg, New York**



## 1947 PREPAID GLADIOLUS LIST

3 Bulbs at the 10 Rate. 25 at the 100 Rate.

DISCOUNTS FOR CASH IN FULL WITH ORDER: \$5.00 to \$50.00 deduct five p/c; over \$50.00 deduct 10 p/c and over \$100.00 deduct 20 p/c for cash in full with order.

We offer bulbs in three sizes, LARGE will be 1¼" and larger, MEDIUM are No. 3-4 sizes combined, and SMALL are No. 5 and No. 6 combined. Bulblets 500 at 1000 rates, pints at quart rates. Abbreviations—"Bts" for bulblets.

	QUANTITY	LARGE	MEDIUM	SMALL	PER	BULBLETS
<b>AFLAME.</b> (Hornberger) P-G. Hybrid, giant, rose-red flame color, Massive plant, strong grower, producing large bulbs, and it is best to use larger size bulbs for exhibition bloom, however medium sizes give nice flowers.						
	10	.75	.50	.30	100	.25
	100		3.00	2.00	1000	1.50
<b>ALADDIN.</b> (Palmer) Large exhibition and commercial salmon pink, with large cream blotch, medium height in growth, plant extra heavy, many open bloom.						
	10	.75	.50	.30	100	.25
	100	5.00	3.50	2.00	1000	1.50
<b>BAGDAD.</b> (Palmer) Tall large flowered smokey, late flowering an unusual fall coloring, tan and autumn coloring blended.						
	10	.75	.50	.30	100	.25
	100	5.00	3.50	2.00	quart	2.00
<b>BINGO.</b> Picardy sport, like Picardy except in coloring, which is creamy white with pink diffusion, and blended rose blotch.						
	10	.75	.50	.35	100	.25
	100		3.50	2.50	1000	1.00
<b>BEACON.</b> (Palmer) tall spike, bright showy scarlet, with large cream blotch.						
	10	.85	.60	.35	100	.25
	100	5.75	3.50	2.50	quart	4.00
<b>BEAUTIFUL OHIO.</b> Deep mauve-lavender, many open, a very unusual coloring.						
	10	.85	.60	.30	100	.25
	100	6.00	4.00	2.00	quart	4.00
<b>BLEEDING HEART.</b> (Brown) This may be called an improved "Pendleton," a large clear pink, with deep red blotch in (throat), lovely contrast.						
	10	.85	.60	.30	100	.25
	100		4.00	2.50	1000	1.50
<b>BLUE BEAUTY.</b> Perhaps the finest exhibition and commercial blue, very large flowers, strong grower, with many open, one of the best medium "blue" glads.						
	10	1.50	1.00	.60	100	.50
	100		6.00	4.00		
<b>BURMA.</b> (Palmer) Very large heavily ruffled, deep rose shading to lighter throat, opens up to 10 lovely large ruffled bloom. A top rating variety.						
	10	4.00	2.80	2.00	100	2.50
	100		24.00	16.00	1000	20.00
<b>CHARMAINE.</b> (New) A very fine coloring that is not in over supply, this is a fine clear rose color, good height with straight stems and lovely color.						
	10	1.00	.60	.35	100	.25
	100	6.00	4.00	2.50	1000	1.50
<b>CORONA.</b> (Palmer) A very large flowered variety with many large florets open large cream, with deep pink-picotee edging, a lovely and unusual combination.						
	10	1.00	.60	.35	100	.35
	100	8.00	4.00	2.00	quart	4.50

	QUANTITY	LARGE	MEDIUM	SMALL	PER	BULBLETS
<b>GLAMIS.</b> (Palmer) Beautiful clear salmon-pink, with cream lip. 6 to 8 large wide open, needlepoint and ruffled florets open at one time, good grower.						
	10	1.80	1.00	.50	20	.35
	100		9.00	4.00	1000	5.00
<b>GUNPOWDER.</b> (Sewell) a clear buff sport of Picardy, like Picardy except coloring, a show winner and good Picardy commercial.						
	10	1.00	.60	.40	25	.35
	100		5.00	3.00	500	2.00
<b>GOLDEN CHIMES.</b> (Ellis) Excellent deep yellow, nicely ruffled, tall straight stems, a very popular yellow gladiolus.						
	10	1.00	.50	.35	100	.35
	100	7.00	4.00	2.00		
<b>INDIAN PRINCESS.</b> (Zimmer) Deep rose-red, intensely ruffled, medium sized florets opens about five on a slender wirey stem, very lovely and decorative.						
	10	1.50	1.00	.50	100	.35
	100	7.50	5.00	2.50	1000	3.00
<b>INTERMEZZO.</b> (Quackenbush) A free flowering, deep buff-cream, with lavender feather, an excellent cut flower.						
	10	1.50	1.00	.60	100	1.00
	100			5.00		
<b>JEANEL.</b> (FCH) Our peach colored Picardy, this is a peaches and cream sport of Picardy, like Picardy in all qualities except coloring, a top commercial.						
	10	1.00	.50	.30	100	.20
	100	5.00	3.00	1.50	quart	4.00
<b>JUNIOR MISS.</b> (C) Extra large bloom, with many open producing extra large flower head, large bright pink, with many large flowers open.						
	10	1.00	.60	.35	100	.50
	100		5.00	2.50	1000	4.00
<b>KING LEAR.</b> (Palmer) Large early ruffled flowers of a deep reddish purple, many large florets open at one time, a good exhibition and commercial.						
	10	1.00	.50	.30	100	.25
	100	6.00	3.00	1.50	quart	4.00
<b>KING WILLIAM.</b> (Schentesky) This is a nice color, salmon and apricot.						
	10	1.00	.50	.35	500	1.00
<b>LADY LUCK.</b> (Harris) Sport of Picardy, pink and cream coloring, some different than many other Picardy sports, a worthwhile variety.						
	Each. (1)	1.00	.50	.30	10	.50
	TEN. (10)		3.50	2.00	100	3.00
<b>LEADING LADY.</b> (Johnston) A very outstanding sport of Picardy, a good clear cream, (not white) but a lovely creation, a real Picardy in cream, exhib.-com.						
	EACH. (1)	.40	.25		10	.50
	10	3.20	2.00	1.00	100	3.00
	100	25.00	15.00	9.00	1000	25.00
<b>MARSEILLAISE.</b> (Dr. Scheer) A large flowered deep red, of good medium height producing a very heavy vigorous plant, color deep medium red.						
	10	1.00	.75	.50		.25
	100	8.00	4.75	2.50	1000	1.35
<b>MARGARET BEATON.</b> (Twomey) A very good, large flowered white, with small torch or scarlet-orange in throat, good com. as well as exhibition.						
	10	1.00	.50	.30	100	.25
	100	6.00	3.00	1.50	1000	1.50
<b>MILFORD.</b> (Australian) This is a very good color in what we call "blue" glads, the spike is well built and has many large florets open, of a nice light color.						
	10	1.00	.50	.35	100	.25
	100	8.00	3.50	2.50	1000	1.50



**QUANTITY    LARGE    MEDIUM    SMALL    PER    BULBLETS**

**MIXED EXHIBITION:** A good assortment or mixture of many kinds and varieties of mixed exhibition colors: This mixture is popular where you want a number of good colors and good varieties, but do not care to have many separate colors-labeled. This mixture is not labeled, only as MIXED EXHIBITION.

10	.60	.45	.30	100	.20
100	4.00	2.50	1.00	quart	2.00

**MOHAWK.** (Dr. Stevens) Extra dark maroon, a very dark red, open up to 10—a very good variety for out the ordinary coloring.

10	1.00	.50	.35	100	.35
100	9.00	4.00	3.00	1000	2.00

**MOTHER KADELL.** (KADEL) A very fine commercial yellow, good clear color, and fine growth and foliage, has waxy sheen, good cutter and shipper.

10	1.00	.60	.35	100	.35
100	9.00	5.00	3.00	1000	5.00

**MRS. C. W. GANNET** (Chamberlin) Introduced at \$100.00 per bulb, a late flowering variety but very large flowered, one of the larger in size, massive medium rose with cherry blotch, not a very fast propagator, but unusual in size and color.

Each	1.00	.50	.25	10	1.00
Per. 10.	9.00	4.00	2.00	100	7.00

**ORIENTAL PEARL** has been called the "Wonder Glad" of 1946. This is an extra large flowered variety, has very large cream colored florets, of unusual size. Originator, Carlson, and introducer D. N. Puerner. Said to be a very good propagator, making excellent growth from bulblets, has a long list of winnings. Florets are easily 7" and spikes from medium bulbs, may have 18 or more buds. See our SPECIAL OFFERS elsewhere in this catalog.

Per EACH	5.00	4.00	3.00		
per 10		32.00	24.00		
Per 100		250.00	200.00	100	32.00

Note—Fifty bulblets no less at half the 100 price of bulblets, Small quantity bulblets sold only with bulb. 1 large and 10 bulblets \$10.00.

**PINK PICARDY.** (Earl) Bright clear color, this is a deeper and darker color, but identical save for coloring, has all Picardy qualities. Like all Picardy sports you will always find a few of the original Picardy, this is a "trait" of all sports.

10	2.00	1.00	.70	25	.50
100		9.00	6.00	500	3.50

**PICARDY.** (Palmer.) Commercial and exhibition, perhaps the best commercial known for outstanding performance both north and south as well as east and west, and the many sports of Picardy (with but few exceptions) will give the same results and are different only in coloring, but practically the same in other qualities. Picardy is so well and widely known as to need but little descriptive detail, color is a lovely shrimp or salmon pink.

10	1.00	.50	.30	100	.25
100	5.00	3.00	1.50	quart	4.00

**PINK RADIANCE.** (Quackenbush.) a new and very fine pink commercial variety, that produces fine spikes with many open bloom of a lovely pink coloring.

10	1.50	1.00	.50	100	.75
100	9.00	6.00	4.00	1000	5.00

**PHYLLIS McQUISTON.** (Stewart). Tall growing plant, with long straight, but very wiry stem, opens many large, lovely, bright clear pink flowers, a very worthwhile commercial pink, fast propagator, nice foliage and growth.

10	.75	.50	.30	100	.25
100	4.00	3.00	1.50	quart	3.00

**PURPLE BEAUTY.** (Roozen). Large flowered, clear deep purple, somewhat round, open florets on fairly tall spikes, many open, a very good purple.

10	1.00	.50	.35	100	.25
100		4.00	2.00	1000	1.50

**RECADO.** (Palmer). Medium height, large flowered smokey, many large flowers open.

10	1.00	.50	.35	500	1.00
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**REWI FALLU.** (Fallu). This well known Australian variety, is a very large flowered medium red, with a sparkling sheen, individual florets large.

QUANTITY	LARGE	MEDIUM	SMALL	PER	BULBLETS
10	1.00	.50	.35	100	.25
100		3.50	2.50	1000	1.50

**RED LORY.** (Australian). Very easy grower, and good propagator, producing very long spikes with large, purple red flowers, a very popular color.

10	1.00	.50	.35	100	.25
100		3.50	2.50	1000	1.50

**ROCKET.** (Palmer). A leading commercial red, color scarlet red, will open 7-9 large florets of good substance and quality.

10	1.00	.50	.35	100	.25
100		3.50	2.00	1000	1.25

**ROSA VAN LIMA.** (Pfitzer). Standard, early flowering, commercial, pink, many lovely, large, bright rose pink florets open all at one time, produces long spikes.

10	.75	.50	.30	100	.25
100	5.00	3.00	1.50	quart	4.00

**ROYAL GARNET.** (Robert Haring). Has been called a "Red Picardy" and is also a seedling or hybrid, with Picardy as one of the parent varieties, has been flowered in the north in 65 days, and I have had it in flower in 65 days at Lakeland, Florida in the spring of 1946. I will plant some again in the spring of 1947, on my farm near Tampa, Florida. One of the larger of the Florida cut flower growers bought a trial of this in the first year of introduction and again last season. Color is a deep intense red, with a bright sheen, has many open at one time. Won in the Wisconsin 1944 show, as best new introduction of the year. Prices now greatly reduced.

Per Each	1.25	.85	.50	2	.30
10	10.00	6.00	4.00	10	1.20
100	80.00	54.40	32.00	100	9.60
1000	640.00	435.20	256.00	1000	76.80

**SCHWABEN GIRL.** (Pfitzer). Early flowering light pink, lovely light pink shade, this is a good early commercial pink.

10	.75	.50
100	4.75	3.50

**SILENTUM.** (Pfitzer). Somewhat similar to M. Beaton, in coloring, opens 6-8 bloom on straight spikes, color white with red feather.

10	1.00	.50	.30	100	.25
100	6.00	3.00	2.00	1000	1.50

**SILVER WINGS.** (Ritsema). A later sport of Picardy, that is lighter in color than is Leading Lady, Silver Wings is the sensational new sport having more ruffling or frilling of petals and lighter in coloring.

per Each	3.00	2.00	1.00	10	2.40
10	24.00	16.00	8.00	100	19.00
100	192.00	128.00	64.00		

**SPRINGTIME.** (FCH). This is a very desirable new sport of Picardy. It has all the well known Picardy qualities, except the difference in coloring. This variety is intensely floriferous, we have described the coloring as "appleblossom pink" but this covers quite a range of shades, but you will find this among the most attractive colorings as well as Picardy Performance.

per Each	1.50	1.00	.60	2	.30
10	12.00	8.00	4.80	10	1.20
100	90.00	50.00	25.00	100	9.60
1000		300.00	150.00	1000	80.00

**WANDA.** (Snyder). This is now a leading commercial Sport of Picardy. It is a very popular color, and gives regular Picardy performance and like other Sports you will find a certain number of the original Picardy coloring among them, but Wanda seems to be somewhat more variable in color stability, as in addition to Picardy, you will find many of a different shade, but all good.

10	1.00	.50	.35	100	.25
100	6.00	3.00	2.00	1000	1.50



**QUANTITY    LARGE    MEDIUM    SMALL    PER    BULBLETS**  
**WHITE GOLD.** (Dr. Scheer). Outstanding and sensational exhibition and commercial. A leading show room winner, for best results requires good soil, water and plant food, then your results are surpassed by few glads. We had spikes last year with twenty buds per spike from large well grown stock. White Gold is surpassed by few glads in beauty of coloring. Giant cream with yellow throat.

10	1.50	1.00	.50	100	.50
100	7.00	5.00	3.00	pint	6.00

A minimum of one quart, bulblets sold at \$10.00, pints \$6.00 for White Gold.

**VAGABOND PRINCE.** (Palmer). Mahogany brown, with vivid red blotch, produces a tall spike with many open at one time, a commercial and exhibition variety.

10	1.00	.50	.35	100	.25
100	6.00	3.50	2.00	quart	4.00

All varieties listed per quart (for bulblets,) pints sold at quart rate price.

### SPECIAL QUOTATIONS

OUR LARGEST PRODUCTION this past season was with two of our leading commercials. JEANEL "peach colored" sport of Picardy and WHITE GOLD. We will have these two items for SPECIAL QUOTATION by letter to all who want one or both in LARGE QUANTITIES. We will have all sizes and bulblets in quantity. We can quote per bushel or many bushels of bulblets of these two items.

JEANEL will give the same performance for long distance shipping as does the original Picardy for the only difference is a difference of coloring. Some say it produces better spikes from all sizes, but we do not make this claim as we have not subjected both to scientific tests under identical conditions.

WHITE GOLD. (Scheer). This variety needs but little description or comment as its sensational winnings at the exhibitions all over the country should show what its possibilities are. We had many spikes with twenty buds last year from large corms, for cut flower production it is advisable to use from No. 1 to a No. 3 and give good soil and growing conditions and you will have ample returns.

WE ARE PREPARED TO QUOTE SPECIAL PRICES ON LARGE QUANTITIES of both WHITE GOLD and JEANEL, both of these varieties will give you good cut flower value.

### NO DISCOUNTS ON SPECIAL OFFERS BELOW

ALL SPECIAL AND UNIT OFFERS: BOTH RETAIL AND WHOLESALE ARE (NET) AS LISTED: WE HAVE INCLUDED (ALL) DISCOUNTS IN OUR SPECIAL OFFERS: THAT IS WHY THEY ARE PRICED MUCH LOWER THAN LISTED PRICES.

### "THE BRIDE" (Pruitt)

Outstanding new commercial white, a pure white with slight pink feather, not noticeable at a short distance, Commercial reports on this variety indicate it to be an unusual and promising new white for cut flower growers, prices are No. 1 size, \$6.00 each. No. 2, \$5.00; No. 3, \$4.00; BULBLETS, 60c each or 10 bulblets for \$5.00.

LARGER QUANTITIES: 100 No. 1, \$300.00; 100 No. 3, \$250.00; Bulblets (dry measure) \$250.00 per pint; \$150.00 per 1000; with 500 at the 1000 rate.

UNIT OFFER "THE BRIDE." 3 No. 1 and 3 No. 2 and 3 No. 3 and 20 bulblets \$50.00.

UNIT OFFERS FOR ORIENTAL PEARL: Commercial 'Unit' Offer: Bulblets, \$32.00 per 100, not less than 100; at this rate.

UNIT No. 1. ORIENTAL PEARL: 1 Large bulb and 25 No. 5 bulbs for \$50.00.

**SILVER WINGS.** (Ritsema). We can quote Special on quantities of this variety but largely in small sizes and bulblets.

### SILVER WINGS—WHOLESALE 'UNIT' OFFERS

Lot A. 2 large; two medium, and two small, with 500 bulblets for \$55.00.

Lot B. 5 large; 5 medium, and 5 small and 2000 bulblets, \$200.00.

SPRINGTIME SPECIAL OFFERS: If interested in this variety write and ask for our special offers on this variety, also telling us how much you want to invest as well as sizes wanted and we will give you some attractive commercial offers.

## WHOLESALE QUANTITY LIST—GLADIOLUS

NOT PREPAID: Quoted f.o.b. Hamburg, N. Y. for express shipment, if wanted by mail add both postage and postal insurance, add enough and we will return any balance.

DISCOUNTS FOR CASH IN FULL: WITH ORDER: from \$5.00 to \$50.00 deduct, five p/c. Over \$50.00 deduct 10 p/c and over \$100.00 deduct 20 p/c. We will quote on very large orders. NO DISCOUNTS ON UNIT OR SPECIAL OFFERS.

250 at 1000 rate; 2000 at 5000 rate, for 100 or less see prices for smaller quantities listed in this catalog. Prices here quoted are for larger quantities.

VARIETY	Per	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	Per.	Bulblets
ALADDIN	1000	\$35.00	\$30.00	\$25.00	\$20.00	\$15.00	\$10.00	peck	\$15.00
BAGDAD	1000		20.00	20.00	15.00	10.00	8.00	peck	15.00
BEAUTIFUL OHIO	1000		25.00	20.00	15.00	10.00	8.00	peck	15.00
CORONA	1000		42.00	35.00	28.00	20.00	15.00	peck	25.00
JEANEL	1000	40.00	32.00	24.00	18.00	14.00	9.00	peck	15.00
JEANEL	5000	180.00	144.00	108.00	81.00	63.00	40.00	bushel	50.00
KING LEAR	1000	40.00	35.00	30.00	20.00	12.00	8.00	peck	15.00
LEADING LADY	1000		160.00	128.00	112.00	80.00	64.00	quart	75.00
MARGARET BEATON			40.00	32.00	22.00	16.00			
MIXED COLORS	1000		30.00	25.00	15.00	10.00	6.00	peck	10.00
PICARDY	1000	40.00	32.00	25.00	18.00	14.00	9.00	peck	15.00
ROSA VAN LIMA	1000		32.00	25.00	20.00	14.00	9.00	peck	15.00
PHYLLIS MC QUISTON	1000		25.00	20.00	16.00	12.00	8.00	peck	12.00
SPRINGTIME	1000			300.00	250.00	175.00	125.00	quart	100.00
WHITE GOLD	1000	64.00	56.00	48.00	40.00	32.00	24.00	peck	60.00
WHITE GOLD	5000			216.00	180.00	144.00	108.00	bushel	240.00

WHITE GOLD BULBLETS IN LARGER QUANTITY will be quoted by letter, as well as any large combination orders.

FOR BETTER BLOOM AND SPIKES—Why not try out some of the ALKEMI ACTIVATED LOAM we offer. We will be pleased to have reports from the use of this material. Some varieties of glads need some additional "growth Factor" to give their best performance.

THE FLORIDA FACT FINDER: Is the title of an Economic Research publication, which I publish. This Bulletin, gives a very complete summary of 'Facts' so often omitted from Florida advertising, and it is such 'Omitted' facts, that may or may not cause you much loss, it is true the omission of many of these "economic facts" has been the cause of the loss of thousands of dollars of 'hard earned cash.' I have much faith in Florida, I think it offers more today, to homeseeker and investor, than any other state in the U. S. A. however there are many things you should know, before you come here to invest your money, and that is the objective of my Fact Finding Service, which I offer you at **low cost**, in addition to the 'Bulletin' of Facts, there is a "Personal Letter" Service, that is given with the bulletin, I have owned property in four counties of Florida and have lived in three of the foremost and leading counties of the state, and have given much time to the problems covered by this service. If interested, write to me at the following address, I will mail details. F. C. Hornberger, RFD No. 1, Box 250, Seffner, Florida.

TREE RIPENED CITRUS PRODUCTS: If interested in shipments of "Tree Ripe" Citrus fruits and Fruit Products, ask for information, and low average prices for my 'GROWER TO CONSUMER SERVICE' for Citrus Products, address as below. F. C. Hornberger, R.F.D. No. 1, Box 250, Seffner, Florida. Shipments from Tampa, Florida.

TAT—ANTU Formula 83. SO POWERFUL ONE LICK KILLS RATS: TAT—ANTU is available, in two forms; (1) A grey all-purpose, concentrate powder for dusting in rat burrows, and runways, AS A TRACKING BAIT, and on water as a drinking BAIT, and for mixing your own feeding baits. (2) ALSO AVAILABLE; as a green, READY-TO-USE, feeding bait, requiring no mixing, or prebating; Prices are for (Shaker Can-Power. \$1.00 each not prepaid) (READY TO USE BAIT, \$1.00 not prepaid.)



## THE EVALUATION OF NEW GLADIOLUS VARIETIES

After nearly thirty years of testing new varieties of gladiolus, I am still of the opinion that we cannot give, much definite information, about any new variety, until it has been widely grown and tested, in the many sections of our country where glads are grown, extensively, under many and varied conditions of soil, and climate and all other factors that go to produce growing environments, for the commercial culture of our favorite flower.

Different soil types have much to do with performance, as has moisture, feeding, under drainage, and many other things that enter into good cultural methods. A new variety may give exceptional performance, when grown in one type soil, and produce negative results in another soil, in the same section of the country, I remember, one of our best known growers telling me a few years ago, something along this line, he said he knew two well known west coast glad. growers, both highly experienced, and having ideal soil and climate for glads, one of them had exceptional results with the variety 'Beacon' while the other never did have satisfactory results with the same variety.

We have found this to be true, as we have used a very wide range of soil, not only in one state, but in a number of states, and I know from long experience that no matter, how sincere we may be in reporting a new variety, all such reports are subject to greatly altered views, after several more years of growing and of wider dissemination and larger available stocks.

Outside of the 'average' comments, we make in catalog, which are not entirely our own, but also the ideas of others, we will not stress the value of any new variety too much, until we have much more definite information about such a variety, and this all sums up, until there is considerable increase, some years after introduction, your best bet, now as in the past, is to do your own testing. This may be accomplished, by buying small quantities, of medium sized, new varieties, each year, and growing them under your own conditions, I say medium sizes because if any commercial will not produce in a satisfactory manner from good medium bulbs, it should be regarded with some doubts. You also get your best idea of bulblet production, from the use of medium bulbs, for if they are 'young' stock they were likely grown from bulblets or very small planters, so will average the best in bulblet production, as well as in good average performance as 'cutters.'

We are now growing bulbs both in the north and the deep south, so I will be in a much more favorable position, to make "COMPARATIVE REPORTS" by another year, as we will test many varieties, both in western New York, where we have been in production for about thirty years, and here in Central Florida, where I have been arranging, proper locations for several years past.

A new variety that is highly 'toted' in the north, may prove a dismal flop here in the south, from where I am preparing this copy. It will be my aim and object to give very careful, consideration to each and every test, of course here in Florida most glads, grown in the fall and early winter are grown under irrigation, and largely in warm sandy soils, so much different than many soil types used in the north, and where conditions are radically different than here.

In the north a very wide range of soil types are used, in particular in the northeast, which is hill country, some gladiolus varieties, can be grown for many years in pure muck soils that are well drained, and properly fertilized, but there are other varieties, that would result in failure of crops if they were propagated any length of time in the same soil conditions, some varieties, can be subjected to much 'wetter' soil conditions than can another variety, it is all these local factors, on each farm, that largely determine, what new variety will perform in a satisfactory manner for you, if you grow the new variety, under much the same conditions, under which it has so far given its most promising results, than perhaps you will experience similar results.

I expect to have much to report for north and south, performance by next year.

## NURSERY INSPECTION IS THE GROWERS' PROTECTION

NURSERY INSPECTION IS BOTH BUYER AND GROWER PROTECTION. Bulb Buyer's; Our Nursery inspection label is No. 2654. STATE OF NEW YORK, the bulbs we offer are grown in western New York.

Every bulb buyer, should demand, the publication of the grower's Nursery or (Bulb) Blanket Inspection label, or at least the number as we have given, if he does so, he gives PROOF that stock has been inspected by state authorized inspection. (to print without inspection is mail fraud.)



## THE GLADIOLUS REPORTER

By FCH.

We will include under this head, most any subject that pertains to the growing, culture, and marketing of the gladiolus, in both northern and southern sections of the country, I expect to have considerable to report, in our next years, catalog, concerning gladiolus growing in the south and in particular in Florida where glads are grown so extensively for a large part of the year. Our present list is not as long as in former years, but we do have a carefully selected list, which we feel will satisfy the most discriminating purchasers of glads.

We have been adding many Picardy sports, we do not have all that have been listed but we do have a large number, most of these, are simply our old Picardy in so far as size, growth, propagation, and general performance goes, the most of these are what we call 'color sports' they are PICARDY IN A NEW COLORING. Most of these sports have the same commercial value as has Picardy, as they are nothing more or less than Picardy displayed in new coloring, which is of great value commercially, as few glads, no matter how highly boosted, will so fully qualify, for growing in the deep south, and stand such (tight bud) cutting that ship so well, that produce such long well built spikes from even medium size bulbs, and that open so well after a long shipment, and when they have been cut with such 'green buds' that most varieties, would prove a failure under identical conditions, that is why I have so much confidence in most of the True Picardy sports.

My present Florida residence and farms are located near Tampa, and in an area, having a very high degree of frost protection, and not far from Clearwater and other cut flower, growing areas, so I will be in a good location for growing and reporting on new varieties as well as old varieties, I plan on growing many new seedlings and hybrids in Florida, as well as many other kinds of bulbs for retail and wholesale production.

Our northern bulb crops have been grown near Hamburg, N. Y. where we have been in production for about thirty years, this location is south of Buffalo, and near to the shore of Lake Erie. We again show our location, with a map which is printed on the last page of this catalog.

## DISINFECTING AND SPRAYING GLADIOLUS

**LYSOL TREATMENT**—one teaspoon lysol to 1 quart of water.

(4) Tablespoons of Lysol,—3 gallons of water.

(1) One pint Lysol, with 25 gallons of water, if you can have the water somewhat warm (not hot) the action will be much quicker, soak bulbs about six hours, we have soaked twelve hours with no harmful results, but different varieties may have different re-actions. Best to plant before fully dry. We use CRESOL in the same manner as Lysol. Use about three times then renew.

**SPRAYING AND SPRAY SOLUTION;** Perhaps the best is "Tartar Emetic, obtainable at most any drug store or drug company. Formula for small quantity is—1 oz. Tartar Emetic, (about 4½ level teaspoons) with 2 ounces of brown sugar, to three gallons of water, or any multiple of this quantity for larger amounts. Spraying may start when plants are four to five inches tall, and once a week is ample unless there are indications of thrip, when two weekly sprayings are more desirable, we have not been required to spray our plantings, for many years, simply due to precautions as given in our "Thrip Control Bulletin."

**NOTE**—You may substitute, for the sugar (molasses or corn syrup) use about three tablespoons in place of the two ounces of sugar.

**AMERICAN ORCHID CULTURE;** (Prof. E. A. White) Perhaps the best book on Orchids published, 278 pages, 15 outstanding color plates, 136 black and white illustrations, price prepaid \$5.00 an exceptional gift for orchid lovers.

## PRACTICAL SOIL FUMIGATION

The following quotation is reprinted from the well known publication, known as "GOOD BUSINESS," 917 Tracy Ave., Kansas City 6, Mo., this is a monthly publication devoted to the highest ethics of modern business life, published monthly at \$1.00 per year, and worth many times that price.

D-D SOIL FUMIGATION, and its use in growing Hawaiian Pineapples, as described by Mr. Henry A. White in Good Business. We quote—about the increase of production . . . "Mr. Henry A. White, President of the Hawaiian Pineapple Company, said recently. "Such teaching can be a vital factor, in the achievement, of our major foreign policy, world peace. (increased production) The most practical point, in this, is to teach greater output, without increase of acreage. It has long been pitiful, to see how little, is harvested, from the cultivated acres of the world, compared with modern, possibilities, . . . Mr. White mentions as an example, the increase of pineapple production, from ten to twenty tons per acre, in Hawaii, by the fumigation of the soil, with D-D SOIL FUMIGANT, to eliminate, the MICROSCOPIC worms. He also mentioned the use of hormones, which can either hasten, or retard, the flowering of pineapples; Two or three cupfuls, of the hormones, put into water, solution, and sprayed, will force, two million pineapple plants, to flower, and will increase the size and weight of the pineapples, (end of quotations.)

D—D—SOIL FUMIGANT; We have not listed prices this season, but if you are interested in this subject send for more information, and for prices, stating what quantities you desire to try out, for customers in the north, write to our Hamburg, N. Y. office, if for southern customers write to me as below. F. C. Hornberger, Rt. 1, Box 250, SEFFNER, FLORIDA.

**SOIL ACTIVATORS.** Alkemi' SOIL ACTIVATOR; Nature's own Organic soil builder, for greenhouses; House plants; Grass lawns; seedlings; Vegetable Gardens; Flower Beds. Below we quote from the Mfg'r's description. **ACTS LIKE A SOIL "PLASMA."** Its name is Alkemi Soil Activator, it is the patented discovery, of one of the world's foremost soil authorities. Alkemi acts like a "plasma." It is a compost material, made entirely from pure organic matter, This organic matter is "activated" by nitrogen, and sulphur-oxidizing bacteria, which fix nitrogen, in the soil and help reduce minerals to soluble plant food.

Alkemi, is concentrated, It is a soil "INOCULANT"—not an ordinary fertilizer, Yet 50 times as effective as fertilizers, A small amount goes many times as far.

This revolutionary new preparation, provides the soil with friendly soil bacteria, as well as with every element needed for healthy plant growth.

Alkemi, comes to you in handy package form, It is clean, pleasantly fragrant, does not burn, It is easy—and economical—to use. . . and **SIMPLY AMAZING IN RESULTS.** Try this Modern Way.

The experiences of others, with this astounding new development, indicate what you may expect, when you try, "soil inoculation," "with Alkemi" . . . feeding the earth to increase bacteria, vitamin and hormone, content . . . in place of relying simply upon chemicals.

**THE ALKEMI METHOD MEANS.** Bigger yields—better vegetables; Larger and lovelier flowers; watch your soil turn to a rich dark color, the sign of healthy and productive soil; **DOES NOT BURN FOLIAGE OR ROOTS,** Can be mixed with fertilizers, drought resistant; easy to apply; no digging or spading; **JUST SPRINKLE**—the beneficial bacteria, and hormones, work for you. U. S. Patent No. 1,212,196; 1,309,723; 14,686; We offer two sizes this season. Not prepaid. Five pound can. \$2.00 per can. 25 lb. bag. \$6.50.

**BOOKS; FIVE ACRES AND INDEPENDENCE.** (Kains) A very practical treatise on management and equipment of the small acreage place, I think the ideas and plans given in this practical book, worth many times its cost, which is \$2.50 prepaid. This is a book of nearly 400 pages, well illustrated with cuts and diagrams, showing exact methods.

**CACTI AND SUCCULENTS; And How To Grow Them.** (Scott Hazelton) one of the most practical low cost books we have examined, only .30c prepaid, it contains 64 pages with many illustrations of varieties, and cuts showing methods of grafting Cacti and other cultural information.

## FIRE PROTECTION

**REDUCE YOUR FIRE HAZARDS: WITH WHIPPET. PROTECT: HOME: CAR: TRUCK: BUSINESS:** Whippet, is a scientifically prepared (Patented) chemical compound, containing nine ingredients, which interact so perfectly, that contact, is calculated to **INSTANTANEOUSLY: EXTINGUISH EVERY TYPE OF FIRE.**

Effective on grease, oil, gasoline, tar, fuel oil, paint, lacquer, turpentine, benzine, acetylene gas, chemicals, natural gas, newspapers, rags, chimney-fires, electrical, forest, brush, grass, and every other type of fire. Not prepaid, price is—2½ pound cylinder. \$2.50 each.

**KEMGLOV, A CHEMICAL GLOVE;** "Kemglov, is a skin protector, and cleanser, which helps prevent, dry skin, brittle nails, torn cuticles, grimy pores and **plant poisoning.** It is rubbed in, **before** working around home or garden and rinsed off afterward, carrying stain and soil with it. Kemglov, contains lanolin, and an **INSECT REPELLANT,** for extra benefit. Prices are NOT prepaid. Prices are as follows:—Pound jars, \$1.00 each. Half pound jars, are .60c each.

**SPECIAL NOTICE:** Most items we list, can be sent with bulb orders; which take Second class express rates; if order is wanted by mail, add postage for all f. o. b. orders. All orders by mail should include, money for postal insurance.

**TALL BEARDED IRIS—SPECIAL:** We have a large collection of many of the leading standard Iris. Many have been Dykes Medal winners in past years. We cannot offer these under label at prices we list, and in addition many labels have been lost, but we do offer a nice selection of most colors, in our **EXHIBITION MIXTURE,** at following prices, all fob. Hamburg, N. Y. Shipping starts about mid April, and we can ship up to July 1. (50 standard divisions, for \$3.00; 100 for \$5.00; and 1000 for \$40.00.

**DAYLILY SPECIAL—NEW RUSSELL HYBRIDS:** We have two collections, the yellow shades and the new Red and Purple shades, all in mixture. We do not sell any separate colors, as they are grown as a mixture. Prices are 10 for \$2.50; 25 for \$5.00; or \$20.00 per 100 fob Hamburg, N. Y.

**SOIL MULCHING AND SOIL MULCHES;** There has much been written, in recent years regarding soil mulches, and it seems to me, this plan has decided advantages where the operator, has only a very small acreage and not a complete range of soil working equipment, from all my research along this line, and some of this has been along very unorthodox lines, we find that soil mulches of many kinds, are a very vital factor in increased crop production, and I think this also, very evident where no garden system of irrigation is available.

With the proper material used in our mulch system, and this works best where we use intensive methods and plant more compactly and closely, in the row, Mulching retards evaporation, keeps the soil cool, and of a more uniform temperature, it does not become as excessively hot as some soils, under mid-summer conditions. Under this moist and more uniform and even soil temperature, soil bacteria, whose function in nature is to make the inorganic, available to the plant, has a very favorable, environment in which to work, increase and develop, as these conditions are the more ideal for friendly bacterial growth and expansion. If you try any kind of mulching, I suggest, that you try it out so you will have a check, so that you can clearly determine the advantages of mulch over ordinary cultivation, by plotting, a certain item, in one plot, and then by mulching one half and leaving the other half as a check, we can readily see at a glance the advantages of good mulching of intensive crops.

I have used commercial mulching paper, as well as other mulch materials. The pineapple growers, in Hawaii cover thousands of acres with a paper mulch, laid down with a machine for this purpose, we would like to hear reports, where mulches were used, and the results from using them.

## CHANGE OF ADDRESS

If you have changed your address, please send us your correct address, also if you live in a larger city having zone numbers, please indicate such zone number.



SPECIAL OFFERS

All Special and Unit Offers are NET—NO DISCOUNTS GIVEN, with any Specials, as we have already included all discounts, in the Unit price, that is why they are so much lower than list.

No. 1. SPECIAL OFFER. A total of fifty bulbs; in five varieties, all properly labeled, 10 bulbs—large bulbs—of the following varieties, JEANEL: JUNIOR MISS: MILFORD: MOHAWK: CORONA. A \$5.00 list value for \$3.75 prepaid.

No. 2. SPECIAL OFFER

All Medium Sized Bulbs

- 1. Oriental Pearl .....\$4.00
- 1. Royal Garnet ..... .85
- 3. Springtime . . . . . 3.00
- 1. Silver Wings ..... 2.00
- 1. Mrs. C. W. Gannet ..... .50

A \$10.35 Value, Prepaid \$6.35

No. 4. SPECIAL OFFER

All Medium Size Bulbs

- 10 Pink Picardy .....\$1.00
- 10 White Gold ..... 1.00
- 2 Silver Wings ..... 4.00
- 2 Springtime ..... 2.00

An \$8.00 Value, Prepaid, \$5.00

No. 6. BULBLET SPECIAL

All Following Bulblets:

- 100 White Gold .....\$ .50
- 100 Junior Miss ..... .50
- 100 Pink Picardy ..... 2.00
- 50 Gunpowder ..... .70
- 20 Springtime ..... 2.40
- 10 Silver Wings ..... 2.40

A \$9.00 Value Prepaid \$5.50

No. 3. SPECIAL OFFER

All Small Bulbs, As Below

- 10 Jeanel .....\$ .30
- 5 Burma ..... 1.00
- 10 Glamis ..... .50
- 10 Gunpowder ..... .40
- 10 Leading Lady ..... 1.00
- 10 Springtime ..... 4.00
- 20 White Gold ..... 2.00

A \$9.20 Value for \$5.00

No. 5. SPECIAL OFFER

All Small Bulbs

- 5 Lady Luck .....\$1.00
- 5 Leading Lady ..... .50
- 5 Springtime ..... 2.40
- 10 Pink Picardy ..... .70
- 10 Gunpowder ..... .40

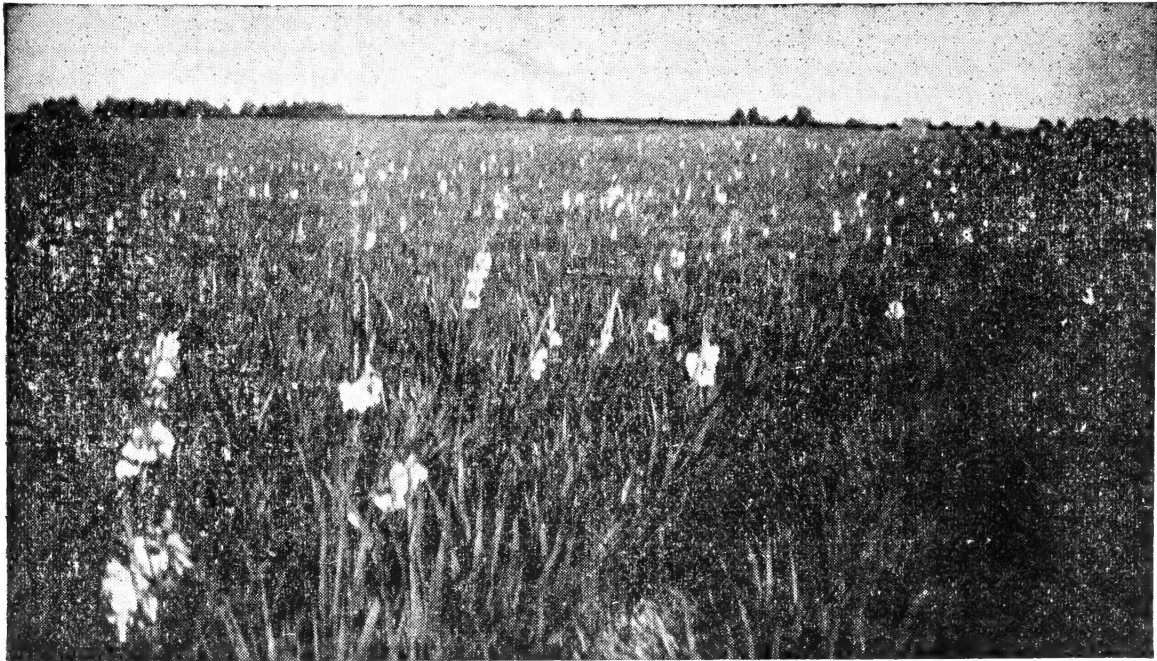
A \$5.00 Value, Prepaid \$3.00

ROYAL GARNET SPECIAL OFFER

10 large bulbs; 10 medium and 10 small bulbs, a total of 30 bulbs with 100 hand selected bulblets, all for \$25.00 prepaid.

GROWER'S SPECIAL BULBLET OFFER. PREPAID \$50.00

- 100 bulblets of ROYAL GARNET
- 100 bulblets of SILVER WINGS
- 100 bulblets of ORIENTAL PEARL
- 100 bulblets of SPRINGTIME



**MINUET BULBLETS:** Planted in this field produced nearly a million bulbs, and many produced bloom.

WE DO NOT SUBSTITUTE VARIETIES WITHOUT YOUR PERMISSION: But we often do substitute a size of the same variety ordered, so we ask you to let us know if we may substitute some other size if out of size ordered, or can we substitute another variety? If you will make a few notations when sending order, it will help us to handle your order so much more efficiently, and promptly.

### **HORNBERGER'S GARDEN SERVICE; OWNERSHIP**

**HORNBERGER'S GARDEN SERVICE:** Located at Hamburg, N. Y. consists of F. C. Hornberger, and Eldred I. Hornberger, his son,, also Mrs. Jean, A. Miller, his daughter, at the present time. Eldred and Jean are in charge of the business at Hamburg, New York, and I have been living in Florida, but spend some time each year at Hamburg, N. Y. in supervising the production there. You can reach me at any time at my Hamburg address, as all mail is forwarded when I am not there, or you can reach me at most any time by sending to any of the following addresses: Rt. 1, Box 250, Seffner, Florida, (or) to—F. C. Hornberger, Rt. 2, Box 306, Tampa, Florida.

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ROUTE 5, BOX 51, CLARK STREET, - HAMBURG, N. Y.

DATE 194

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YOUR COMPLETE ADDRESS: WRITE OR PRINT PLAINLY, your name, Mr., Miss or Mrs., give street or r.f.d. No. or P. O. Box No. and state if order is for Exp. shipment. Give name of Exp. Office, if different.

QUANTITY	SIZE	NAME	AMOUNT
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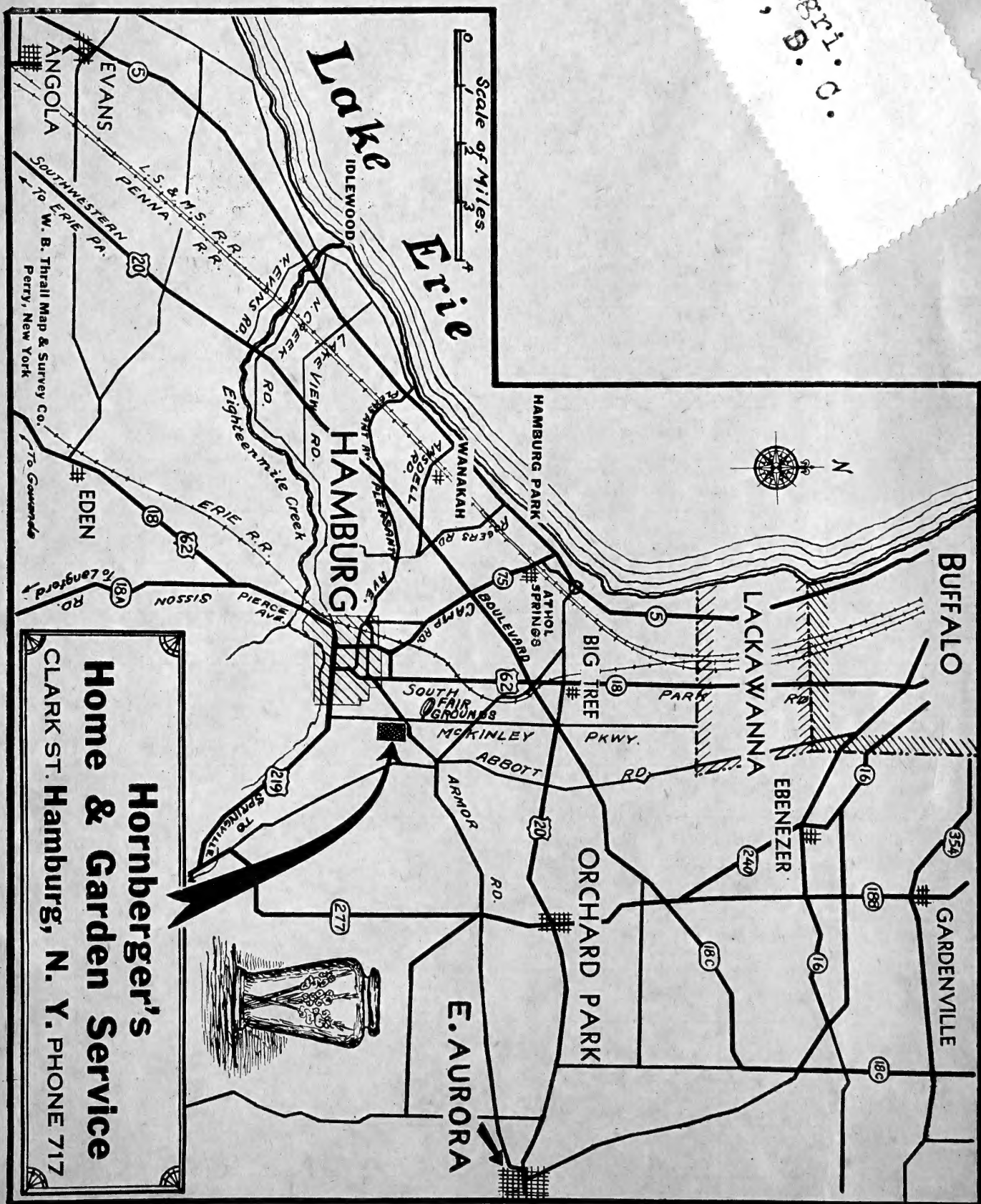
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Please Note: Clark Street on the official map, as well as on the large map above is given as Armor Road. By long usage it has become generally known as Clark Street.